

App. No. 09/485097
Office Action Dated July 14, 2004
Amd. Dated November 5, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 9-13 are canceled without prejudice or disclaimer.

Listing of Claims:

1. (Previously Presented) A method of manufacture of a composite product comprising at least one layer of reinforcing woven material and at least one layer of PTFE foil or ePTFE foil comprising the steps of:
 laminating said at least one layer of foil together with said at least one layer of woven material by heat and pressure, to form a laminated foil and woven material having a partial length and a preceding partial length, wherein said laminating is carried out at approximately 380° C to 400° C under a pressure of 0.1 to 20 N/mm²; and
 cooling said laminated foil and woven material in a fully or partly fixed state, wherein said laminated foil and woven material is cooled under pressure, from about 300 to 420 ° C to about 50 ° C in about 0.1 to 240 seconds,
 wherein said laminating and cooling is conducted continuously whereby cooling of said partial length of said laminated foil and woven material is carried out simultaneously with the heating of said preceding partial length of said laminated foil and woven material.
2. (Previously Presented) A method according to claim 1, wherein said laminated foil and woven material is cooled from about 380 to 400 °C to about 50 °C in about 20 to 120 seconds.
3. (Previously Presented) A method according to claim 1, wherein the laminated foil and woven material is subject to a tension during cooling.

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4. (Previously Presented) A method according to claim 1, further comprising applying pressure to the laminated foil and woven material by means for pressure application.
5. (Previously Presented) A method according to claim 4, wherein the means for pressure application is provided with cooling means.
6. (Previously Presented) A method according to claim 4, wherein the pressure is applied continuously by at least one roller.
7. (Previously Presented) A method according to claim 4, wherein the pressure is applied intermittently by a pressure surface.
8. (Previously Presented) A method according to claim 1, wherein the laminated foil and woven material is cooled by a substantially uniform pressure on the surface.
- 9-13 (Canceled)
14. (Previously Presented) The method of claim 1, wherein said cooling is carried out at a pressure of from 0.1 to 20 N/mm².